CLAIMS

1. A method for ordering a plurality of audio signals into a sequence comprising :

- receiving (104) a user preference;
- analysing (108) the plurality of audio signals to extract inherent features; and
- ordering (110), independently of user involvement, into a sequence at least two audio signals of the plurality of audio signals based on a comparison of the extracted features and user preference such that adjacent signals in the sequence are harmonious.

2. A method as claimed in claim 1 wherein the plurality of audio signals is identified (106) according to the user preference.

3. A method as claimed in claim 1 or 2, wherein the extracted inherent features are musical features.

4. A method as claimed in claim 3, wherein adjacent audio signals in the sequence have related musical keys.

5. A method as claimed in claim 4, wherein the related musical keys (200) are determined according to the Equal Tempered Scale.

6. A method as claimed in any preceding claim and further comprising outputting (112) the at least two audio signals according to the sequence.

7. A method as claimed in claim 6, wherein a currently output signal (302) is crossfaded with the immediately succeeding signal (304) in the sequence so as to present a continuous outputting.

8. A method as claimed in claim 7, wherein the crossfading is dependent on the respective bass note amplitudes of the current signal and the immediately succeeding signal in the sequence.

9. A method as claimed in claim 8, wherein during the time interval of the crossfade the bass note amplitude of each audio signal is less than one seventh of the maximum bass amplitude of the respective audio signal.

10. A system for ordering a plurality of audio signals into a sequence comprising :

- a receiving device (406) operable to receive a user preference;
- a store (408) operable to store audio signals;
- a data processor (400) operable to :
    - o analyse the plurality of audio signals to extract inherent features; and
    - o order, independently of user involvement, into a sequence at least two audio signals of the plurality of audio signals based on a comparison of the extracted features and user preference such that adjacent signals in the sequence are harmonious.

11. A system as claimed in claim 10 wherein the data processor (400) is operable to identify the plurality of audio signals according to the user preference.

12. A system as claimed in claim 10 or 11 and further comprising an audio input device (402) operable to receive audio signals, the data processor (400) operable to store the received audio signals.

13. A system as claimed in any of claims 10 to 12 and further comprising an output device (404) operable to output the at least two audio signals of the plurality of audio signals according to the sequence, the data processor (400) operable to control said output device.

14. A system as claimed in claim 13, wherein the output device is operable to crossfade a currently output signal with the immediately succeeding signal in the sequence.

15. A record carrier comprising software operable to carry out the method of any of claims 1 to 9.

16. A software utility configured for carrying out the method steps as claimed in any of claims 1 to 9.

17 A system including a data processor, said data processor being directed in its operations by a software utility as claimed in claim 16.